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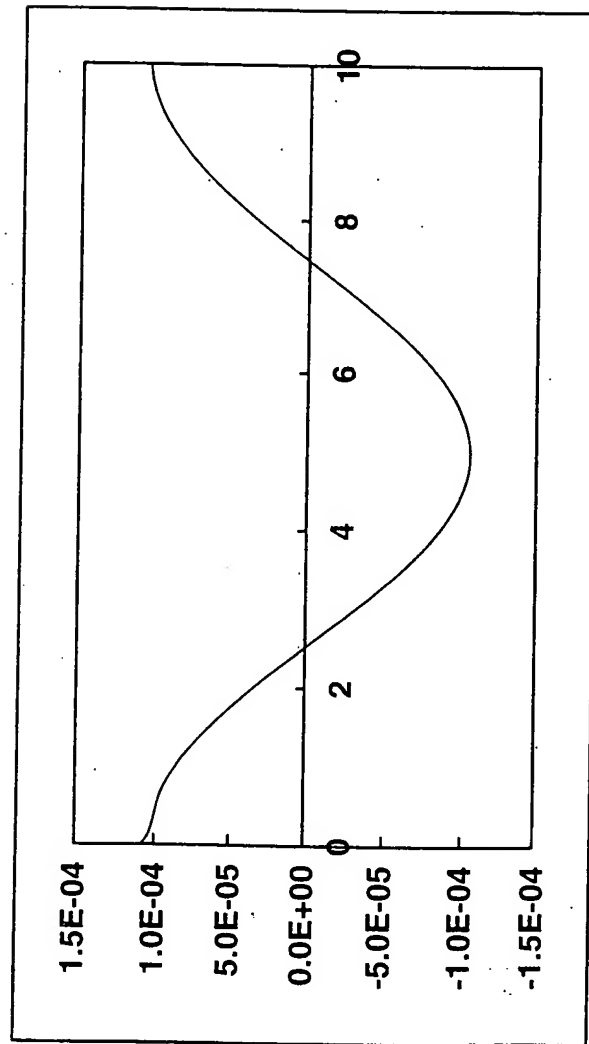
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FIG.23



CHANGE IN DIFFERENTIAL
OUTPUT OVER TIME
X: TIME AS TO ALTERNATING
MAGNETIC FIELD (S)
Y: DIFFERENTIAL OUTPUT
FROM SENSOR (T)
DISTANCE BETWEEN
SENSORS: 0.75 mm
POSITION OF MAGNETIC FLUID
(X,Y) = (1mm, 1mm)

FIG.25

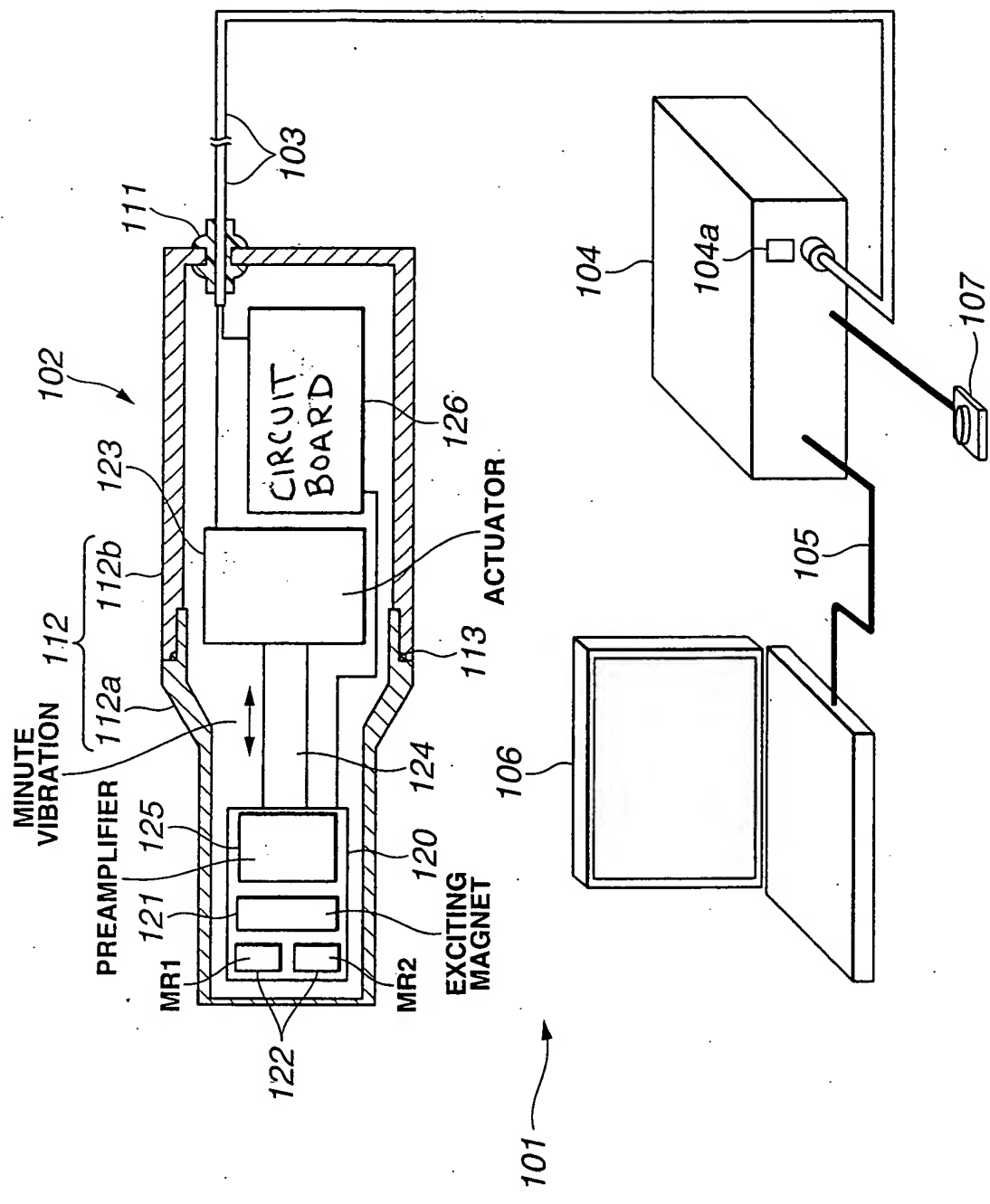


FIG.35

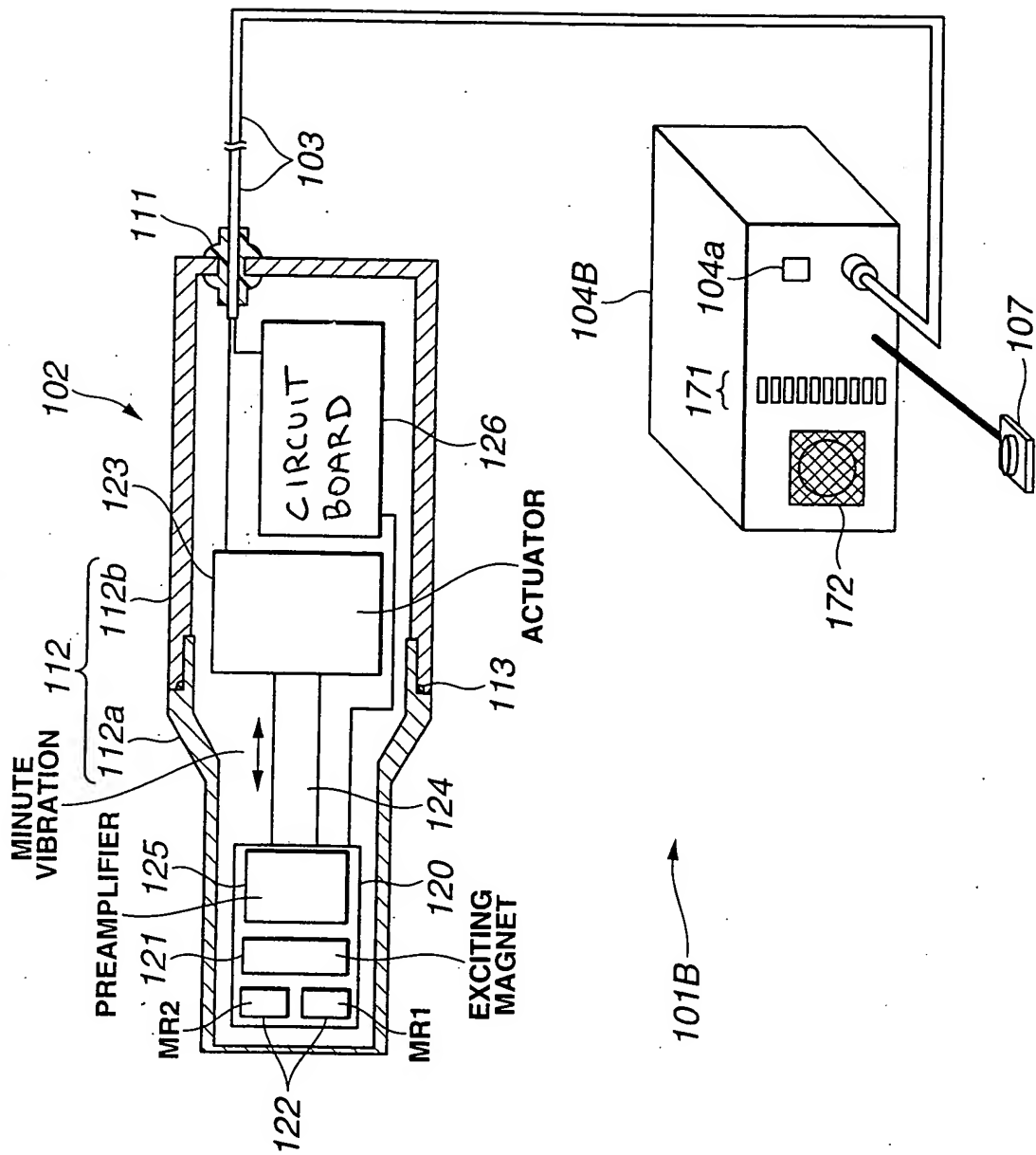


FIG.37

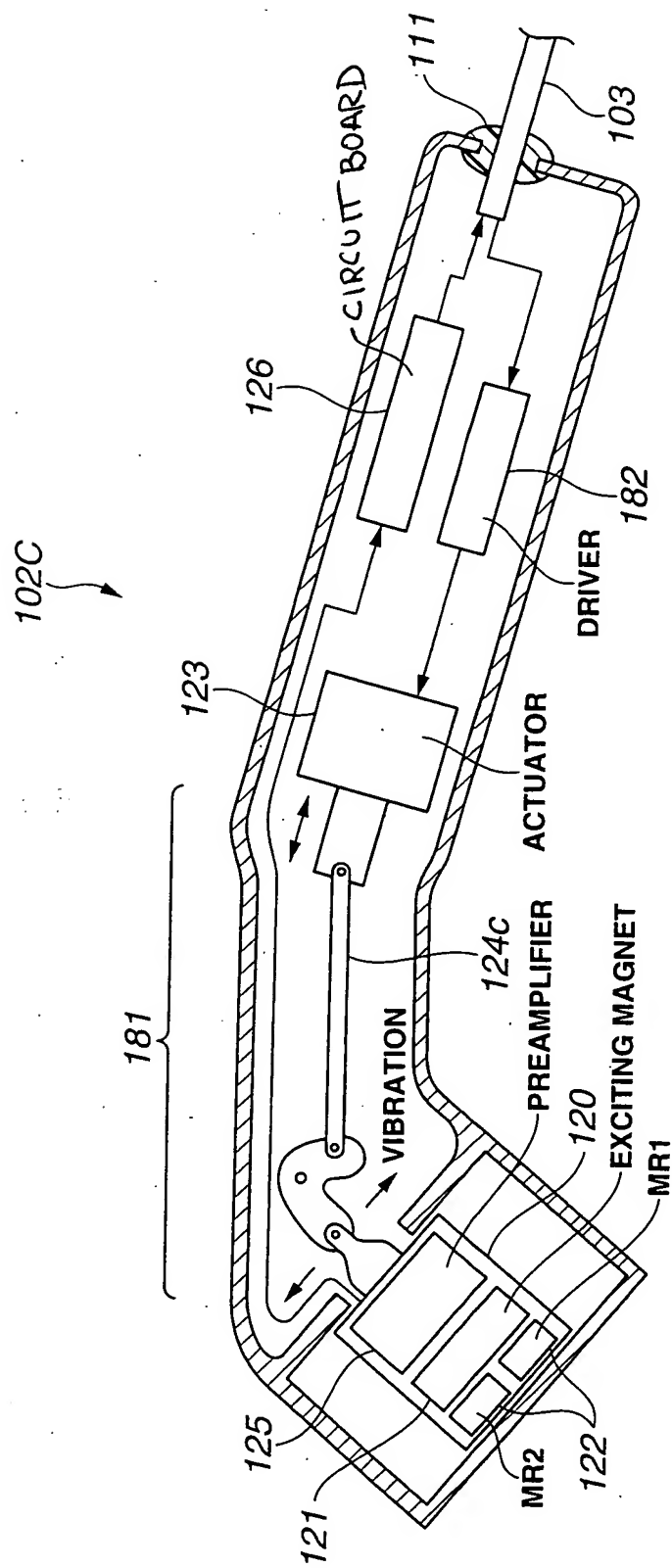
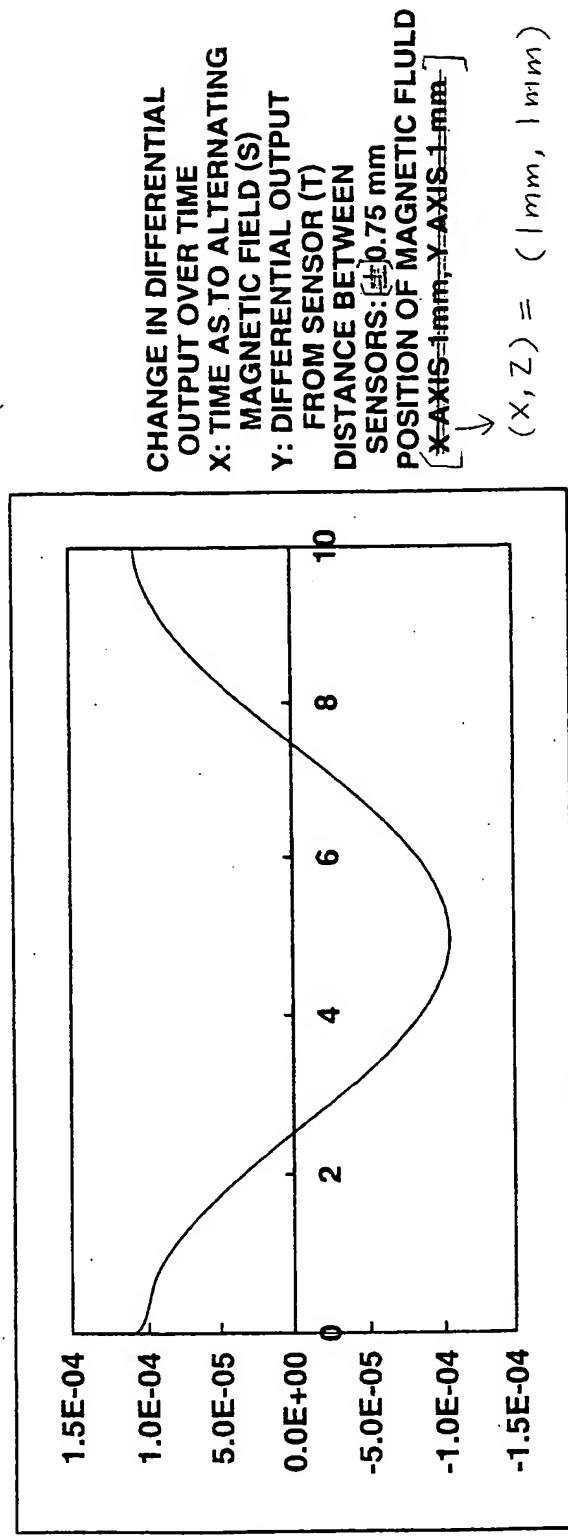


FIG.23



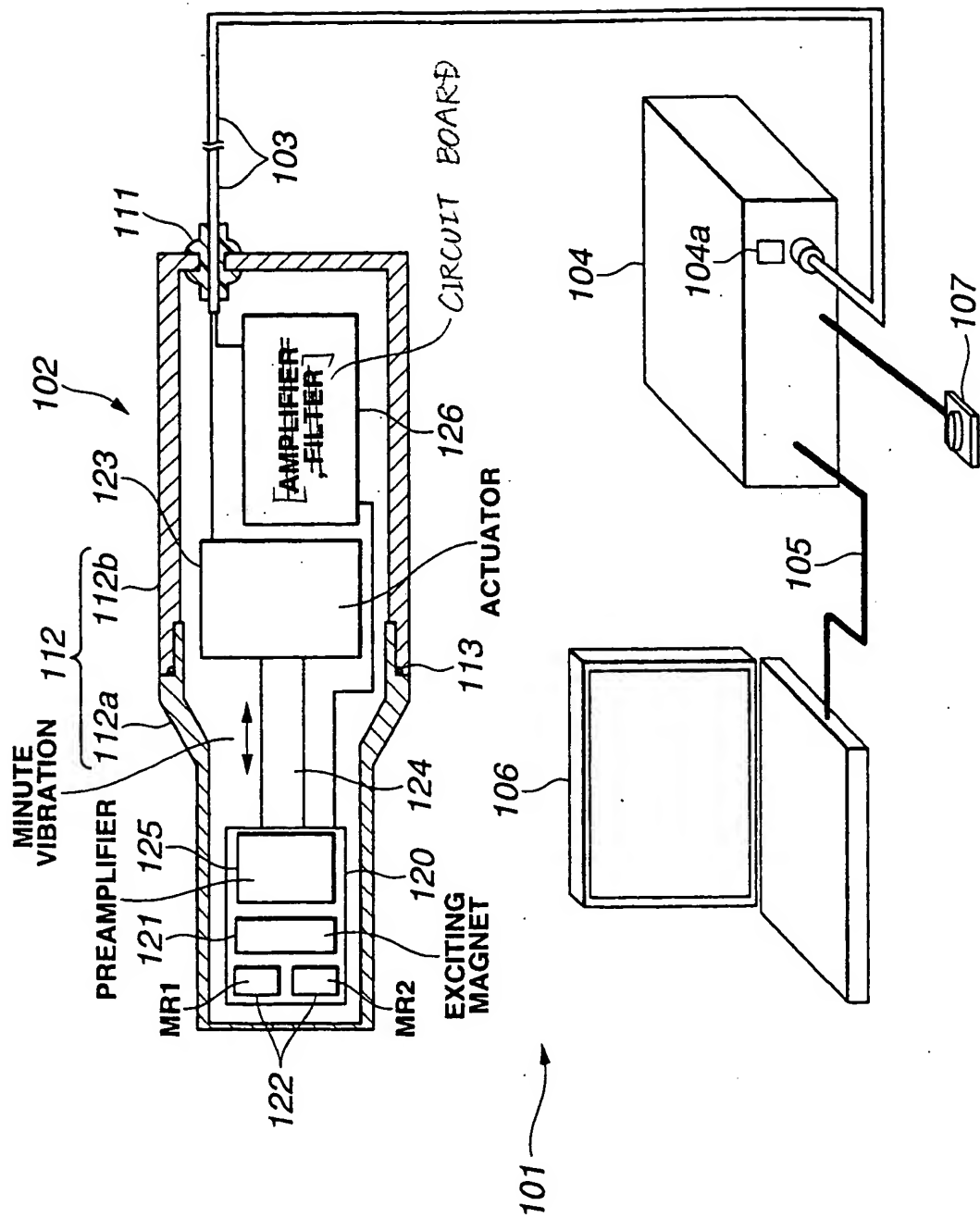


FIG.35

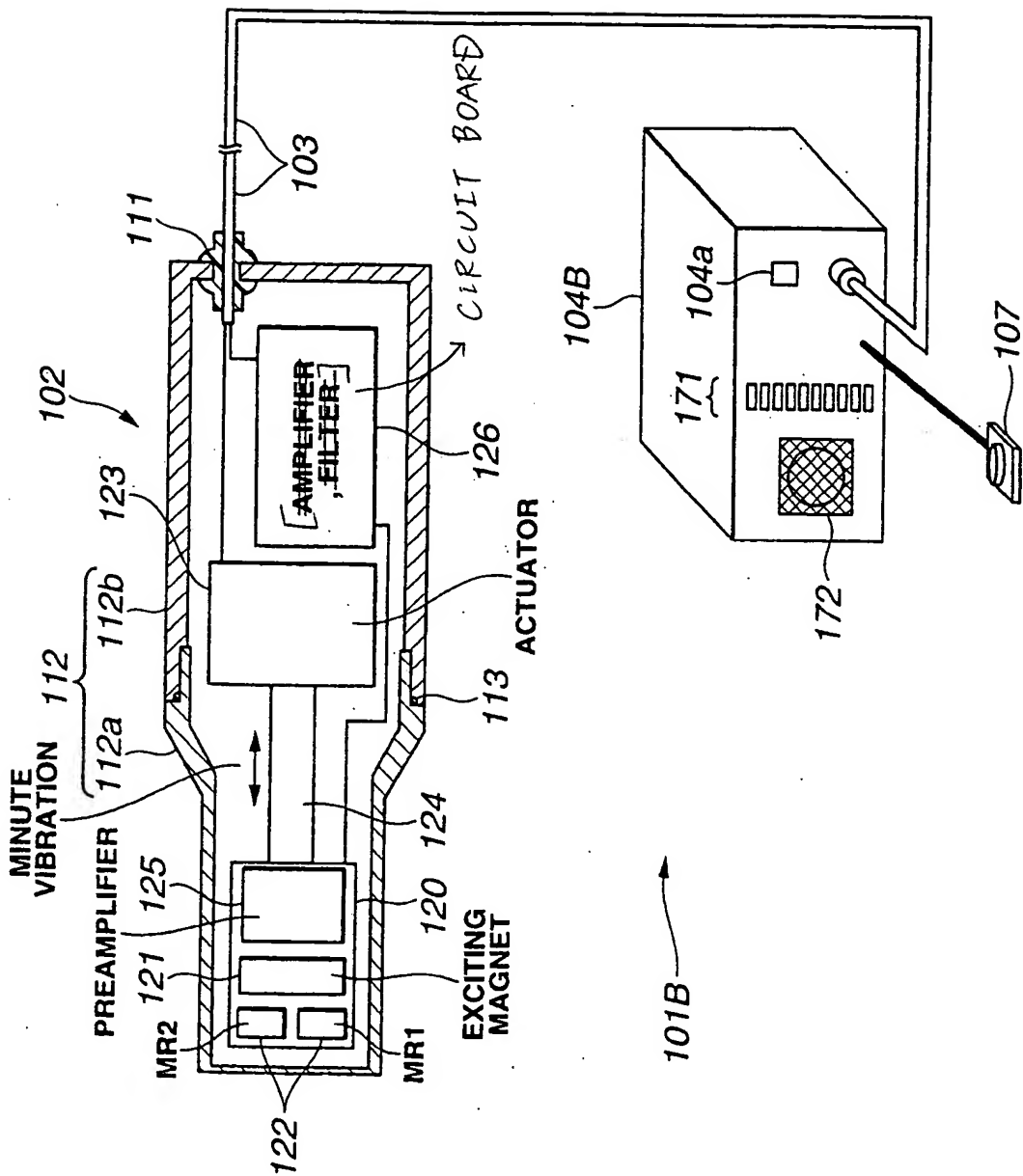


FIG. 37

